



Attorney's Docket No.: 10360-090001

2661

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Geping Chen
Serial No. : 10/023,281
Filed : December 13, 2001
Title : PRIORITY SERVICE PROCESS FOR SERVING DATA UNITS ON A NETWORK

Art Unit : 2661

Commissioner for Patents
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Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed before the receipt of a first Office action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: August 7, 2003

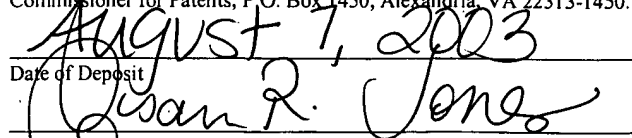

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Substitute Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.801(b))	Attorney's Docket No. 10360-090001	Application No. 10/023,281
	Applicant Geping Chen	
	Filing Date December 13, 2001	Group Art Unit 2661

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications

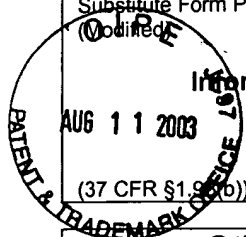
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AC	Causey, Jeffrey W. "Comparison of Buffer Allocation Schemes in ATM Switches: Complete Sharing, Partial Sharing, and Dedicated Allocation." <i>In the Proceedings of the 1994 IEEE International Conference on Communications (ICC '94)</i> . New Orleans, LA: May 1-5, 1994.
	AD	Chang, Chung G. and Harry H. Tan. "Queueing Analysis of Explicit Policy Assignment Push-Out Buffer Sharing Schemes for ATM Networks." <i>In Proceedings of the 1994 Conference on Computer Communications (IEEE Infocom '94)</i> . Toronto, Ontario, Canada: June 12-16, 1994.
	AE	Chao, H. Jonathan and Hsiling Cheng. "A New QOS-Guaranteed Cell Discarding Strategy: Self-Calibrating Pushout." <i>1994 IEEE Globecom</i> . San Francisco, CA: November 28-December 2, 1994.
	AF	Chao, H. Jonathan and I. Hakan Pekcan. "Queue Management with Multiple Delay and Loss Priorities for ATM Switches." <i>1994 IEEE International Conference on Communications (ICC '94)</i> . New Orleans, LA: May 1-5, 1994.
	AG	Chen, Geping, and Ionnis Stavrakakis. "ATM Traffic Management With Diversified Loss and Delay Requirements."
	AH	Cheng, Xian. "A Finite Buffer Two Class Queue with Different Scheduling and Push-Out Schemes." <i>In Proceedings of the Eleventh Annual Joint Conference of the IEEE Computer and Communications Societies (IEEE Infocomm '92)</i> . Florence, Italy: 1992.
	AI	Chipalkatti, Renu, et al. "Scheduling Policies for Real-Time and Non-Real-Time Traffic in a Statistical Multiplexer." <i>In Proceedings Volume III of IEEE Infocomm '89 (The Conference on Computer Communications)</i> . Ottawa, Ontario, Canada: April, 1989.
	AJ	Demers, Alan. "Analysis and Simulation of a Fair Queueing Algorithm." <i>ACM</i> , 1989.
	AK	Elwalid, Anwar and Debasis Mitra. "Fluid Models for the Analysis and Design of Statistical Multiplexing With Loss Priorities on Multiple Classes of Bursty Traffic." <i>In Vol. 1 of the Proceedings of IEEE Infocomm '92, (The Conference on Computer Communications)</i> . Florence, Italy: 1992.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

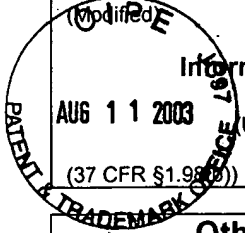
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10360-090001	Application No. 10/023,281
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.900)		Applicant Geping Chen	
		Filing Date December 13, 2001	Group Art Unit 2661


Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AL	Ferrari, Domenico and Dinesh C. Verma. "A Scheme for Real-Time Channel Establishment in Wide-Area Networks." <i>IEEE Journal on Selected Areas of Communications</i> , Vol. 8, No. 3: 368-379; April, 1990.
	AM	Georgiadis, Leonidas, et al "Optimal Multiplexing on a Single Link: Delay and Buffer Requirements." In <i>Proceedings Vol. 2 of IEEE Infocom '94 (The Conference on Computer Communications)</i> . Toronto, Ontario, Canada: June 12-16, 1994.
	AN	Golestani, S. Jamaloddin. "A Self-Clocked Fair Queueing Scheme for Broadband Applications." <i>IEEE</i> , 1994.
	AO	Hyman, Jay M, et al. "Real-Time Scheduling with Quality of Service Constraints." <i>Selected Areas in Communications</i> , Vol. 9, No. 7: 1052-1063; September, 1991.
	AP	Kalmanek, C.R. and H. Kanakia. "Rate Controlled Servers for Very High-Speed Networks." <i>IEEE</i> , 1990.
	AQ	Kroner, Hans. "Comparative Performance Study of Space Priority Mechanisms for ATM Networks." <i>IEEE</i> , 1990.
	AR	Landry, Randall. "Queueing Study of a 3-Priority Policy with Distinct Service Strategies." <i>IEEE</i> , 1993.
	AS	Lee, Duan-Shin and Bhaskar Sengupta. "Queueing Analysis of a Threshold Based Priority Scheme For ATM Networks." <i>IEEE</i> , 1993.
	AT	Lim, Youngho and John E. Kobza. "Analysis of a Delay-Dependent Priority Discipline in an Integrated Multiclass Traffic Fast Packet Switch." <i>IEEE Transactions on Communications</i> , Vol. 38, No. 5: 659-665; May, 1990.
	AU	Lin, Arthur Y.-M. and John A. Silvester. "Priority Queueing Strategies and Buffer Allocation Protocols for Traffic Control at an ATM Integrated Broadband Switching System." <i>IEEE Journal on Selected Areas in Communications</i> . Vol. 9, No. 9: 1524-1536; December, 1991.
	AV	Liu, C.L. "Scheduling Algorithms for Multiprogramming in a Hard-Real-Time Environment." <i>Journal of the Association for Computing Machinery</i> , Vol. 20, No. 1: 46-61; January, 1973.
	AW	Panwar, Shivendra S., et al. "Optimal Scheduling Policies for a Class of Queues with Customer Deadlines to the Beginning of Service." <i>Journal of the Association for Computing Machinery</i> , Vol. 35, No. 4: 832-844; October, 1988.
	AX	Parekh, Abhay K. and Robert G. Gallager. "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Networks: The Single-Node Case." <i>IEEE</i> , 1993.
	AY	Petr, David W. and Victor S. Frost. "Nested Threshold Cell Discarding for ATM Overload Control: Optimization Under Cell Loss Constraints." <i>IEEE</i> , 1991.
	AZ	Saito, Hiroshi. "Optimal Queueing Discipline for Real-Time Traffic at ATM Switching Nodes." <i>IEEE</i> , 1990.
	AAA	Stavrakakis, Ionnis. "Delay Bounds on a Queueing System with Consistent Priorities."

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10360-090001	Application No. 10/023,281
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Geping Chen	
		Filing Date December 13, 2001	Group Art Unit 2661


Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	ABB	Suri, S. and D. Tipper. "A Comparative Evaluation Of Space Priority Strategies in ATM Networks." <i>Proceedings Volume 2 of the IEEE Infocomm '94 (The Conference on Computer Communications)</i> . Toronto, Ontario, Canada: June 12-16, 1994.
	ACC	Takagi, Yasushi, et al. "Priority Assignment Control of ATM Line Buffers with Multiple QOS Classes." <i>IEEE Journal on Selected Areas in Communications</i> , Vol. 9, No. 7: 1078-1092; September, 1991.
	ADD	Yegani, Parviz. "Performance Models for ATM Switching of Mixed Continuous-Bit-Rate and Bursty Traffic with Threshold-Based Discarding." <i>The Conference Record of the Supercomm/International Conference on Communications '92</i> . Vol. 3: 1621-1627; 1992.
	AEE	Zhang, Hui and Srinivasan Keshav. "Comparison of Rate-Based Service Disciplines." <i>Proceedings of ACM SIGCOMM '91</i> .
	AFF	Zhang, Lixia. "VirtualClock: A New Traffic Control Algorithm for Packet Switching Networks." Pp. 19-29. <i>XEROX Palo Alto Research Center</i> . Palo Alto, CA

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